## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20020073357" "6615366").pn.	US-PGPUB; USPAT	OR	ON	2009/02/06 16:03
S2	48	janke-marc\$.in. laackmann-pet\$.in.	US-PGPUB; USPAT	OR	ON	2009/02/06 16:14
S3	10	("4912707"   "5475856"   "5504859"   "5535410"   "5604753"   "5630047"   "5659721"   "5664214"   "5748873"   "5966544"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:19
S4	21	("6615366").URPN.	USPAT	OR	ON	2009/02/06 16:21
S5	4	("4521852"   "4932053"   "6035380"   "6040305"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:28
S6	0	("7290289").URPN.	USPAT	OR	ON	2009/02/06 16:28
S7	5	("2002/0073357").URPN.	USPAT	OR	ON	2009/02/06 16:29
\$8	18	("20010034824"   "20010034854"   "20020133745"   "20020144177"   "20020157044"   "20030135711"   "20050108509"   "20050240793"   "5434997"   "5664214"   "6499048"   "6615366"   "6640313"   "6760634"   "6760832"   "6772368"   "6970988"   "7017073"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:32
S9	0	("7287185").URPN.	USPAT	OR	ON	2009/02/06 16:35

S10	22	("3701972"   "4012717"   "4325120"   "5155856"   "5163155"   "5260950"   "5689632"   "5758058"   "5862373"   "5915082"   "5935266"   "6061599"   "6114887"   "6125463"   "6173351"   "6357024"   "6393582"   "6615366"   "6625749"   "6625756"   "6640313"   "6708304"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:35
S11	7	("7055060").URPN.	USPAT	OR	ON	2009/02/06 16:37
S12	14		US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:38
S13	7	("6772368").URPN.	USPAT	OR	ON	2009/02/06 16:39
S14	31	("20010034824"   "20010034854"   "20020073357"   "20020133745"   "20020144177"   "20020152418"   "20020152420"   "20030005380"   "20030126409"   "20050108509"   "20050240793"   "4785453"   "5223152"   "5276823"   "5434997"   "5787476"   "5948111"   "6065135"   "6182195"   "6247144"   "6393582"   "6473869"   "6499048"   "6604177"   "6615366"   "6625749"   "6640313"   "6751698"   "6820213"   "7017073"   "7055060"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:39
S15	0	("7296181").URPN.	USPAT	OR	ON	2009/02/06 16:41
S16	9	("4912707"   "5475856"   "5530804"   "5535410"   "5561775"   "5664214"   "5748873"   "5903771"   "6279119").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:41

S17	25	("6640313").URPN.	USPAT	OR	ON	2009/02/06 16:43
S18	8	(US-20020073357-\$).did. or (US-7290289-\$ or US- 6615366-\$ or US-7287185- \$ or US-7055060-\$ or US- 6772368-\$ or US-7296181- \$ or US-6640313-\$).did.	US-PGPUB; USPAT	OR	ON	2009/02/06 16:50
S19	0	S18 and clock with (fast\$3 slow\$3 half twice multipl \$4 divi\$4)	US-PGPUB; USPAT	OR	ON	2009/02/06 16:51
S20	8	S18 and clock	US-PGPUB; USPAT	OR	ON	2009/02/06 16:51
S22	294	mode with reliab\$5 and performance with mode	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/09 10:41
S23	182	mode with reliab\$5 with performance with mode	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/09 10:41
S24	12	mode with reliab\$5 with performance with mode and g06f\$.ipc.	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/09 10:42
S25	185	mode with reliab\$5 with performance with mode and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 10:46
S26	88	mode with reliab\$5 with performance with mode and clock and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 10:46
<b>S</b> 27	8	high near4 mode near2 reliab\$5 with performance near2 mode and clock and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 10:46
S28	13	high near4 mode near2 reliab\$5 with performance near2 mode and g06f\$. ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 10:48
S29	57	slow\$3 near3 clock with reliab\$5 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 14:35
S30	8	(lower decreas\$3 slow\$3 reduc\$3 half halv\$3) near3 clock with reliab\$5 with mode and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 14:50
S31	15	(doubl\$3 increas\$3) near3 clock with performance with mode and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 14:52

S32	2	twice near3 clock with performance with mode and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2009/02/09 14:55
S33	0	"register file" with clock with twice with fast with execution	US-PGPUB; USPAT	OR	ON	2009/02/09 15:12
S34	0	"register file" with twice with fast with execution	US-PGPUB; USPAT	OR	ON	2009/02/09 15:12
S35	8	"register file" with (doubl \$3 twice fast\$3) with (clock speed frequency) with execution	US-PGPUB; USPAT	OR	ON	2009/02/09 15:13
S36	44	"register file" with (high\$3 increas\$3) with (clock speed frequency) with execution	US-PGPUB; USPAT	OR	ON	2009/02/09 15:14
<b>S</b> 37	13	compar\$4 with operand with (ECC correction)	US-PGPUB; USPAT	OR	ON	2009/02/09 15:23
S38	18	compar\$4 with operand with parity	US-PGPUB; USPAT	OR	ON	2009/02/09 15:28
S39	0	compar\$4 with operand with parity with deriv\$5	US-PGPUB; USPAT	OR	ON	2009/02/09 15:29
S40	14	Safford.in. and reliab\$5	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/09 16:52
S41	0	Safford.in. and reliab\$5	EPO; JPO	OR	ON	2009/02/09 16:52
S42	9	register file" with twice with fast	US-PGPUB; USPAT	OR	ON	2009/02/09 17:01
S43	7	pipelined adj "register file"	US-PGPUB; USPAT	OR	ON	2009/02/09 17:12
S44	45	pipelined near2 "register file"	US-PGPUB; USPAT	OR	ON	2009/02/09 17:14
S45	38	pipelined near2 "register file" not S43	US-PGPUB; USPAT	OR	ON	2009/02/09 17:15
S46	14	pipelined near2 "register file" same (speed frequency clock cycle period) not S43	US-PGPUB; USPAT	OR	ON	2009/02/09 17:15
S47	381	register file" with half	US-PGPUB; USPAT	OR	ON	2009/02/09 17:18
S48	71	register file" with half near2 (clock cycle)	US-PGPUB; USPAT	OR	ON	2009/02/09 17:18
S49	10	"register file" near5 half near2 (clock cycle)	US-PGPUB; USPAT	OR	ON	2009/02/09 17:18
S50	258	712/43.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:29

S51	423	712/229.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:30
S52	833	714/11.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:30
S53	582	714/10.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:31
S54	1	"7447919".pn.	US-PGPUB; USPAT	OR	ON	2009/02/10 10:30
S55	448	high adj reliability with frequency with (low\$3 slow\$3 reduc\$4)	US-PGPUB; USPAT	OR	ON	2009/02/10 10:33
S57	2	high adj reliability near2 mode with frequency with (low\$3 slow\$3 reduc\$4)	US-PGPUB; USPAT	OR	ON	2009/02/10 10:33
S58	549	compar\$3 with result same error with register	US-PGPUB; USPAT	OR	ON	2010/02/24 11:02
S59	1	"20080052494".pn. and operand same (error register)	US-PGPUB; USPAT	OR	ON	2010/02/24 14:45
S60	6	compar\$3 with result with writ\$3 with error near2 register	US-PGPUB; USPAT	OR	ON	2010/02/24 15:01
S61	13	compar\$3 with result same "error register" and "714"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/02/24 15:02
S62	27	redundant\$2 and compar \$3 with result same record \$3 near2 result and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:07
S63	27	redundant\$2 and compar \$3 with (output result) same record\$3 near2 result and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:07
S64	22	redundant\$2 and compar \$3 with (output result) with record\$3 near2 result and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:08
S65	0	redundant\$2 near3 execut \$3 and compar\$3 with (output result) with record \$3 near2 result and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:08

<b>S</b> 66	0	redundant\$2 near3 execut \$3 and compar\$3 with (output result) same record\$3 near2 result and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:09
S67	3	redundant\$2 same compar \$3 with (output result) same (sav\$3 record\$3 writ \$3) near2 result with (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:28
S68	16	redundant\$2 with execut \$3 and compar\$3 with (output result) same (sav \$3 record\$3 writ\$3) near2 result with (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:29
<b>S</b> 69	1524	compar\$3 with (output result data) same (fault? erro\$5 incorrect match\$3 equal equivalen\$2) same (sav\$3 record\$3 writ\$3) near2 (output result data) with (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:35
S70	864	compar\$3 near2 (output result data) same (fault? erro\$5 incorrect match\$3 equal equivalen\$2) same (sav\$3 record\$3 writ\$3) near2 (output result data) with (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:36
S71	372	compar\$3 near2 (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) same (sav\$3 record\$3 writ\$3) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:36

S72	6	debug\$4 same compar\$3 near2 (output result data)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:37
		with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (sav\$3 record\$3 writ\$3) near2 (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$.ccls.)				
S73	0	redundant\$2 near3 execut \$3 and debug\$4 same (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen \$2) with (sav\$3 record\$3 writ\$3) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:39
S74	50	debug\$4 same (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (sav\$3 record\$3 writ\$3) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:39
S75	76	debug\$4 same compar\$4 with (output result data) same (sav\$3 record\$3 writ \$3) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:40
S76	0	S75 and redunant\$2	US-PGPUB; USPAT	OR	ON	2010/02/24 15:41
<b>S</b> 77	33	debug\$4 same compar\$4 with (output result data) with (sav\$3 record\$3 writ \$3) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:41
S78	0	debug\$4 same compar\$4 with (output result data) with captur\$3 near2 (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 15:48

S79	1	debug\$4 same compar\$4 with (output result data) with (log logging logged) near2 (register file memory buffer memory storage) and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:02
S80	106	compar\$4 with (output result data) with (log logging logged) near2 (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:02
S81	17	compar\$4 with (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (log logging logged) near2 (register file memory buffer memory storage) and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:03
S82	227	compar\$4 with (output result data) same (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (trace tracing) and ("714"/ \$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:26
S83	129	compar\$4 with (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (trace tracing) and ("714"/ \$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:26
S84	0	redundant\$2 same compar \$4 with (output result data) with (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (trace tracing) and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:26
S85	1	redundant\$2 same compar \$4 with (output result data) same (fault? erro\$5 incorrect match\$3 equal equivalen\$2) with (trace tracing) and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:27

S86	0	redundant\$2 near3 execut \$3 and compar\$4 with (output result data) same (fault? erro\$5 incorrect match\$3 equal equivalen \$2) with (trace tracing) and ("714"/\$.ccls. "712"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/24 16:27
S87	8	(incorrect erroneous) with (result output data) with register with debug\$4 and ("714"/\$.ccls. "712"/\$.	US-PGPUB; USPAT	OR	ON	2010/02/25 11:58
S88	948	(incorrect erroneous) with (result output data) with register and ("714"/\$.ccls." 712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:00
S89	243	(incorrect erroneous) near2 (result output data) near5 register and ("714"/ \$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:00
S90	4	(redundant\$2 reliab\$5) near3 mode and (incorrect erroneous) near2 (result output data) near5 register and ("714"/ \$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:00
S91	9	(redundant\$2 reliab\$5) near3 mode and error adj register and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:04
S92	157	(result output) with error adj register and ("714"/\$. ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:08
S93	37	(result output) near3 (writ \$3 stor\$3) near3 error adj register and ("714"/\$.ccls. "712"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/02/25 12:08

## **EAST Search History (Interference)**

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## 2/25/10 3:25:25 PM

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